MB491 Specifications

Professional multifunction printer with advanced features and low running costs

The MB491 all-in-one printer is designed to meet the demanding needs of the corporate office or busy workgroup. This high performance device provides a 40ppm network mono printer with 1200dpi print quality, flexible media handling and automatic double sided printing. It boasts a Reversing Automatic Document Feeder (RADF), large memory and powerful image processing for fast copying, scanning, or faxing of single or double sided documents. Advanced features include document encryption, secure print and the ability to automatically forward received faxes to anyone with an email address. And with a QWERTY keyboard for simple email address entry and an intuitive user interface the MB491 is easy for everyone in the office to use.

Offering the lowest running costs in the range and the peace of mind of OKI's unique 3 year on-site warranty the MB491 brings excellent value for money to businesses large and small.

Outstanding features to support your business needs

- Automatic double sided copying, printing, scanning and faxing, all-in-one desktop device
- Fast printing up to 40ppm with the first page delivered in just 5 seconds
- Efficient faxing with 16 One-Touch and 100 speed dials plus a 200 page memory makes sure faxes are always received
- Multipurpose tray for printing a variety of media sizes and weights
- Network ready to make sharing easy
- Scan colour or mono documents directly to USB, Computer, Network or anyone with an email address
- Sharp, clear mono copying, printing, scanning and faxing using digital LED technology
- Choice of 3k, 7k or 12k capacity toner cartridges to reduce cost and user intervention

Functionality to improve your productivity and workflow

- 50 sheet RADF handles multi-page, single and double sided documents with ease
- Powerful image processing and a large memory make copying fast and realistic
- First copy appears in less than 10 seconds
- Print directly from or scan directly to a USB stick
- User friendly user interface includes a 3.5" LCD display, intuitive menus and a QWERTY keyboard for fast email address entry
- LDAP direct access to contact and email data from an existing server directory
- USB and network TWAIN scanning (PC and Mac)
- Fax documents directly from your PC
- Job Macro functionality records and instantly recalls frequently used tasks
- Optional card reader interface (FDI) to allow you to control and manage access to copying and printing

Improving efficiency and reducing environmental impact

- Consolidation of multiple devices into one reduces energy usage and cost
- Save energy with Eco Mode, Deep Sleep Mode and Auto Power Off functions
- Reduce toner usage with Toner Save function

Printing on the move with mobile printing

- Print effortlessly from your smartphone or tablet. This printer is compatible with AirPrint by Apple Inc, Cortado Workplace and ePrint by Microtech Corp, enabling you to print where ever you are, without having to connect directly to a printing device

Useful utilities that help you control and manage your printing

- PrintSuperVision for monitoring, reporting and managing networked printers or MFP's in real-time
- Print Job Accounting provides visibility of your print usage allowing you to control print costs across your business

A4	✔
Mono	✔
Duplex print, copy, scan, fax	✔
Prints A6 to 1321mm, up to 160gsm	✔
1 – 20+ users	✔

MB491 - Mono Multifunction Printer

Printer

Print speed	**A4:** 40ppm mono
Time to first print	5 seconds or less
Warm up time	Up to 60 seconds from power on and up to 25 seconds from power save
Processor speed	330MHz

Scanner

Optical Resolution	600 x 600dpi
Speed	Up to 10ppm colour, up to 37.5ppm mono
Colour depth	Input 48-bit / Output 24-bit
Document input	50-sheet Reverse Automatic Document Feeder (RADF), flatbed scanner
Contrast	7 Levels
Format	M-TIFF, JPEG, XPS, PDF, Secure PDF + (BMP, PCX, GIF, TGA, PNG, WMF, EMF from Actkey Utility)
Address book	LDAP, 100 E-mail address, 20 group addresses
Scan to	FTP, HTTP, USB memory, E-mail, TWAIN, CIFS and Scan to Application and Fax from Actkey Utility

Copy

First copy out	Less than 10 seconds
Speed	Up to 40cpm
Resolution	Up to 600 x 600dpi
Reduction / Enlargement	Zoom 25-400%
Maximum copies	99

Fax

Connectivity	RJ11 x 2 (Line/Tel), PSTN, PBX Line
Speed	ITU-T G3(Super G3) up to 33.6kbps, up to 2 seconds/page
Fast dialing	16 one touch dials (8 x 2 using shift key), 100 speed dials
Groups	Up to 20
Broadcast	Maximum 100
Page memory	4MB (approx. 200 pages transmit and receive)

Operator Panel

LCD Panel	**Single simplified white backlit graphics panel:** 84.1mm (W) x 33.6mm (H); **Resolution:** 320x128 dots
Key pad	12 alpha/numeric keys, 4 main function buttons (Copy, Scan, Print, Fax), Color & Mono Start, Status, Setting, Help, Job Macro, 6 main navigation buttons (Back, Up, Down, Left, Right, OK), Clear, Stop, Power Save, Reset/Log Out, 8 keys and a Shift Key to provide 16 One Touch dial keys (Fax); Full QWERTY Key Pad

Interface and Software

Connectivity	10/100 TX Ethernet, USB 2.0 Device IF, USB 2.0 Host IF
Printer languages	PCL6 (XL3.0), PCL5e, PostScript 3 (emulation), SIDM (IBM-PPR, EPSON-FX)
Network & protocols	All major network protocols supported via ethernet card with internal web server for printer and network card set-up and management. TCP/IPv4&v6, SMTP, POP3, HTTP, SNMPv1&v3, DHCP, DNS, LPR, Port9100, BOOTP, ARP, FTP, CIFS, LDAP, SLP, Bonjour, Web Services Discovery. NetWare, EtherTalk, NetBEUI, LLTD, Web Services on Devices, AirPrint
OS Compatibility[1]	Windows XP (32-bit & 64-bit) / Server 2003 (32-bit & 64-bit) / Server 2008 (32-bit & 64-bit) / Server 2008 R2 (64-bit) / Vista (32-bit & 64-bit) / 7 (32-bit & 64-bit); Mac OS X 10.4.0 - 10.7.0
Advanced networking & security	IP Filtering, MAC Filtering, SSL/TLS, EAP(IEEE802.1X), IPSec
Utility suite[1]	Template Manager[2&4], OKI LPR[2], PrintSuperVision.net[2&4], PrintSuperVision Java[4], Print Job Accounting[2&4], Print Job Accounting Client, Web Driver Installer[2&4], Network Card Setup, Configuration Tool[2], Actkey[2], PDF Direct Print[2], PS Gamma Adjuster
Document management	Nuance PaperPort SEv11[2], Nuance OmniPage SEv16[2]

Typefaces

Printer fonts	Scalable: 87 PCL Fonts and 136 PostScript fonts, PCL Bitmap fonts, OCR-A/B, USPS ZIP Barcode
Barcode	12 types of one dimension with 28 variations: UPC-A, UPC-E, EAN/JAN-8, EAN/JAN-13, Interleaved2of5, Code39, Code 128, EAN/UCC-128, CODABAR, ZIP+4POSTNET, Customer barcode, USPS Zip Barcode; 1 type of two dimension: PDF417

Print Quality

Resolution	1200x1200dpi, 600x600dpi

Paper Handling

Paper capacity	**Tray 1:** 250 sheets of 80gsm; **Multi-purpose tray:** 100 sheets of 80gsm; **RADF:** 50 sheets of 80gsm
Paper capacity optional 2nd tray	530 sheets of 80gsm
Maximum paper capacity	880 sheets of 80gsm
Paper sizes	**Tray 1:** A4, A5, B5, A6; **Tray 2:** A4, A5, B5; **Multi-purpose tray:** A4, A5, B5, A6, Envelopes (C5, C6, DL, Com-9, Com-10, Monarch), Custom Size (up to 1321mm length including banners); **Duplex:** A4, B5; **RADF:** A4, B5
Paper weight	**Tray 1/2:** 60 to 120gsm; **Multi-purpose tray:** 60 to 160gsm; **Duplex:** 60 to 120gsm; **RADF:** 60 to 105gsm
Duplex	Standard
Paper output	**Face Down:** 150 sheets of 80gsm

General Features

Memory	**Standard RAM:** 256MB; **Maximum RAM:** 256MB
	Standard SD Memory Card: 4GB
Environment	**Operating temperature/ humidity:** 10°C to 32°C (17°C to 27°C recommended)/ 20% to 80% RH (50% to 70% RH recommended)
	Storage temperature/ humidity: -10°C to 43°C/ 10% to 90% RH
Power supply	Single phase 220 to 240VAC, frequency 50-60Hz +/- 2%
Power consumption	**Typical:** 610W; **Max:** 950W; **Idle:** 80W; **Power Save:** <14W **Deep Sleep:** <3.0W
Noise level	**Operating:** 55dB(A) or less; **Standby:** 30dB(A); **Power save:** Inaudible
Dimensions (HxWxD)	455 x 427 x 425mm
Weight[3]	Approx 20kg
Duty cycle	**Maximum:** 80,000 pages/month; **Recommended:** Up to 8,000 pages/month
Warranty	3 years extended warranty upon registration within 30 days of purchase
Product order numbers	**MB491:** 01321001

Accessories (Order Numbers)

2nd paper tray	44575709
Foreign Device Interface (FDI)	44925402

Consumables (Order Numbers)

Toner cartridge* (3,000 pages)	44574702
Toner cartridge* (7,000 pages)	44574802
Toner cartridge* (12,000 pages)	44917602
Image drum (25,000 pages)**	44574302

*Toner: A4 pages yield compliant with ISO/ISC 19752. Printer shipped with toner for 2,000 A4 pages.
**Drum: Average life of 3 pages per job from tray 1 in simplex mode

[1]Check local OKI website for latest driver releases and OS compatibility; [2]Windows only; [3]Including all consumables; [4]Downloadable from www.oki.co.uk.

Consumables Information: For the protection of your printer, and in order to ensure that you benefit from its full functionality, this model has been designed to operate only with genuine OKI toner cartridges. These can be identified by the OKI trademark. Any other toner cartridge may not operate at all, even if it is described as "compatible", and if it does work, your printer's performance and print quality may be degraded.

3 Year On-Site Warranty

Our devices are manufactured to the highest standards of quality and technology, which has been confirmed by independent tests. We are so convinced of the high quality of our products that we are offering you an extension of the standard warranty period to 3 years at no extra cost to you. Simply register your product within 30 days of purchase to be eligible for our unique all inclusive offer.
For further information please visit: **WWW.OKI.CO.UK/WARRANTY**
Without registration, the standard pan-European 1 year warranty applies.

Oki Systems (UK) Ltd
Blays House, Wick Road,
Egham, TW20 0HJ, UK
Tel: +44 (0)1784 274300

WWW.OKI.CO.UK

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